

## Plant Review

### *Vocabulary:*

1. 4 main plant groups
2. Generalized plant region that produces spores.
3. Generalized plant region that produces gametes.
4. Transportation system for water and minerals throughout plants.
5. Transportation system for food energy throughout plants.
6. Cells responsible for transportation of water and minerals.
7. Phylum containing mosses.
8. Phyla (2) requiring water for reproduction.
9. Flower producing phylum.
10. 3 general plant “needs”.
11. Supposed plant origin.
12. Water-obtaining method of mosses.
13. Human uses of mosses.
14. “Landing pad” for pollen.
15. Spore producing structure of mosses.
16. Representative seedless vascular plant phylum and organisms.
17. Characteristic separating Bryophytes from Pterophytes.
18. Three main structures of vascular plants.
19. Spore producing structure of ferns.
20. Fern “leaves”.
21. Two groups of seed plants.
22. Male reproductive cell.
23. Process of “fertilization” in plants.
24. Houses ovules.

25. Cone-bearing plant representative phylum.
26. Have naked seeds.
27. Phylum containing the oldest and tallest organisms in the world.
28. 4 specialized leaves of flowers.
29. Coniferous tree species.
30. Female reproductive cell.
31. Characteristic separating ferns from conifers.
32. Characteristic separating gymnosperms from angiosperms.
33. Two functions of vascular tissue.
34. Male reproductive structure of a flower.
35. Female reproductive structure of a flower.
36. Produces pollen grains.

### ***Long Answer Questions***

1. How do mosses differ from other plants?
2. Discuss why humans and other terrestrial animals could not survive without plants.
3. Describe the characteristics of plants that distinguish them from fungi.
4. Why are angiosperms more abundant than gymnosperms?
5. How are monocots different from dicots?
6. Draw and label the reproductive structures of the flower.
7. How do conifers reduce water loss?
8. Discuss the advantages of seeds over spores.
9. Explain how the complexity of plants has changed over time.
10. Explain how groups of plants have reduced their dependency on water over time.